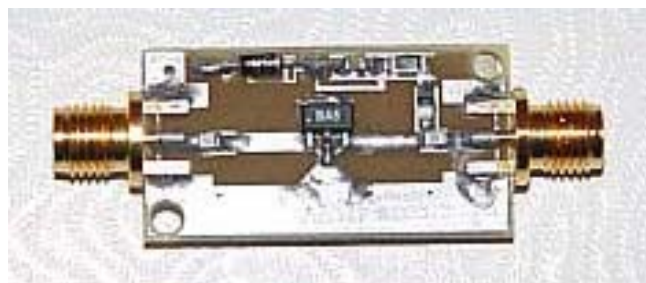


AMP8-24
SMALL 2.4 GHz RF
LINEAR AMPLIFIER 100 mW

This is a smallest linear amplifier for 2.3 GHz- 2.5 GHz band. This small amplifier requires 16 mW input RF Power for the maximum output power of 100 mW. It is excellent for security applications or small airplane models. It works from 7 V- 12 V with a current consumption of 80 mA.



Technical Specifications	
Operating Frequency:	2300-2500 GHz
Power output	100 mW
RF input	16 mW- 25 mW
Gain	17.6 dB
Efficiency	45%
Power Down Mode	N/A
Single supply	6.5 V-12 V
Dimensions:	1.0"x0.8"
Absolute Maximum Rating	
Supply Voltage (Vcc)	-0.5 to + 16 V _{DC}
Power control Voltage (Vpc)	-0.5 to + 5 V V
DC power current	90 mA
Input RF power	+20 dBm
Output load VSWR	20:1
Operating Ambient temperature	-40 to + 85° C
Storage Temperature	-40 to + 1400° C